

Service Manual



HDJ-2000

ORDER NO.
TRT1164

STEREO HEADPHONES

HDJ-2000 /XZC1/WL5

HDJ-2000 /XZC1/EW5

HDJ-2000 /XZC1/CN5



This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains certain electrical parts contain chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

1. SPECIFICATIONS

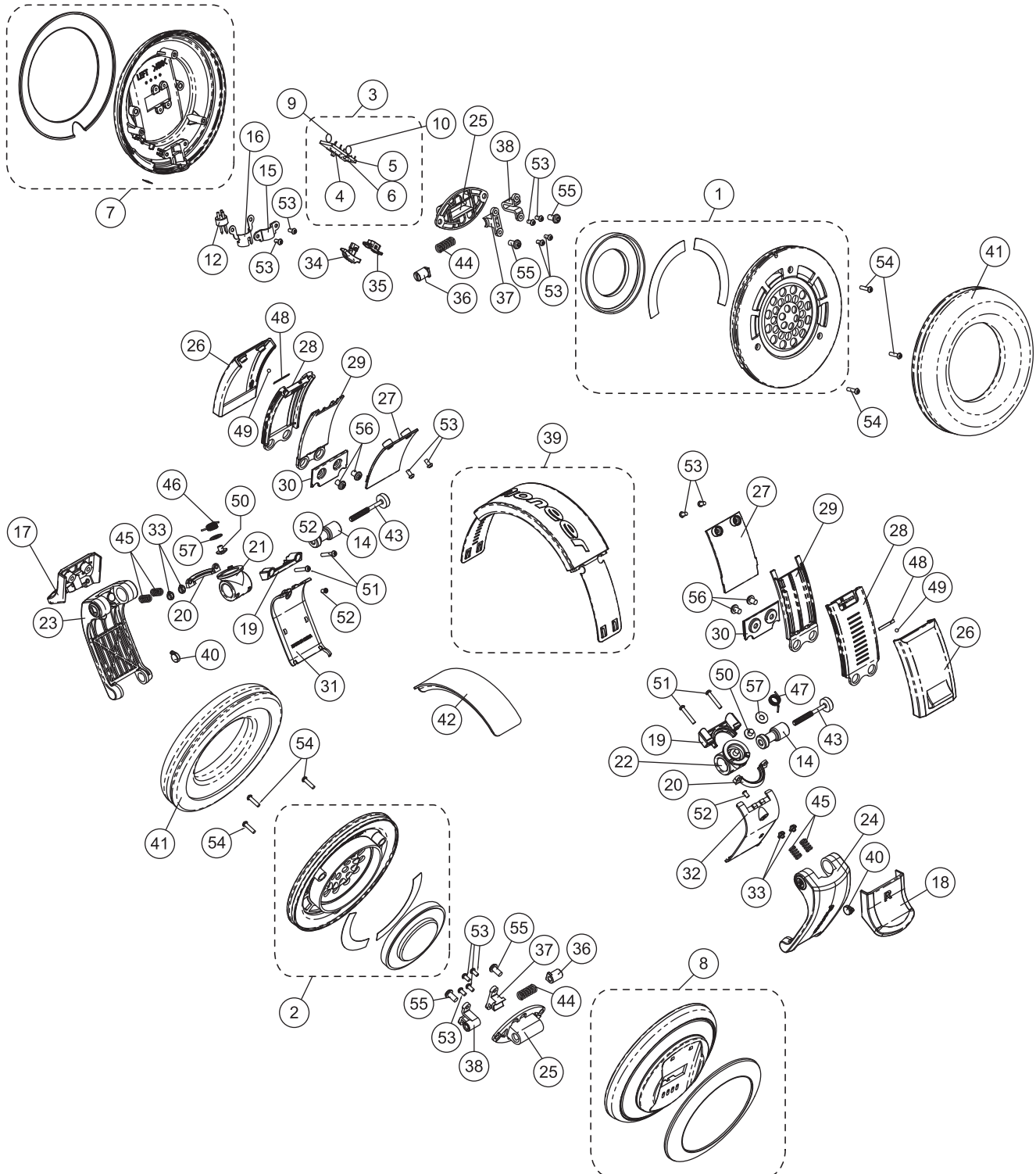
Type.....Fully enclosed dynamic headphones
Frequency response ...5 Hz ~ 30 000 Hz
Impedance 36 Ω
Sensitivity 107 dB
Maximum power input.3 500 mW
Driver units ϕ 50 mm dome type
Cord.....1.2m long one-side connection
coiled type (extended length 3.0 m)

Plug ϕ 3.5 mm 3P mini-plug
(gold plated, threaded type)
Weight 290 g (without cord)
Accessories.....Carrying pouch,
 ϕ 6.3 mm 3P plug adapter
(gold plated, threaded type)

2. EXPLODED VIEWS AND PARTS LIST

- NOTES:**
- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
 - The $\triangle$ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - Screws adjacent to ∇ mark on product are used for disassembly.
 - For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

2.1 EXPLODED VIEWS

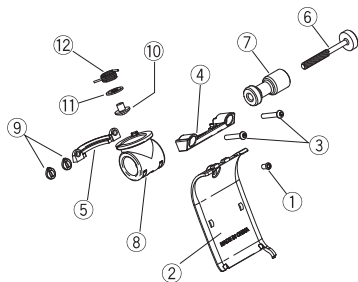


EXPLODED VIEWS Parts List

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	1..SP Unit ASSY L	WXX1386	24	Hanger R	WNH1013
NSP	2..Speaker	WWW1089	25	Case Holder	WNH1014
NSP	2..Base L	WNK2902	26	Slider	WNK2892
NSP	2..Dumper	WER1142	27	Slider Cover	WNK2893
			28	Inner Slider A	WNK2894
2	1..SP Unit ASSY R	WXX1387	29	Inner Slider B	WNK2895
NSP	2..Speaker	WWW1089	30	Cap Cover	WNK2896
NSP	2..Base R	WNK2903	31	Hanger Cover L	WNK2897
NSP	2..Dumper	WER1142	32	Hanger Cover R	WNK2898
			33	Click Plate	WNK2899
3	1..Switch Board ASSY	WXX1388			
NSP	4 2..Switch	WSH1022	34	Knob	WNK2900
NSP	5 2..PC Board	WNP1079	35	Knob Holder	WNK2901
NSP	6 2..Resistance	RS1PMF4R7	36	Click Shaft	WNK2906
			37	Clamper Cover	WNK2907
7	1..Case ASSY L	WXX1389	38	Clamper	WNK2908
NSP	2..Ring L	WNA1168			
NSP	2..Case L	WNA1169	39	1..Head Band	WNK2909
NSP	2..Switch Label	WAN1096	NSP	2..Cord	WDC1088
			NSP	2..Bandplate	WNA1166
8	1..Case R ASSY	WXX1390	40	Hanger Cap	WNK2938
NSP	2..Ring R	WNA1169	41	Ear Pad	WNV1142
NSP	2..Case R	WNA1169			
9	Cord	WDC1087	42	Head Band Cushion	WNV1144
NSP	10 Cord	WDC1089	43	Bolt	WBA1012
11	-----		44	Spring	WBH1057
12	Jack	WKN1025	45	Spring	WBH1058
13	-----		46	Spring L	WBH1059
14	Shaft	WLA1034	47	Spring R	WBH1060
15	Plug Holder	WNA1167	48	Plate Spring	WBK1016
16	Stopper Ring	WNA1170	49	Steel Ball	WET1027
17	Cap L	WNH1006	50	Screw	BMZ30P030FCC
18	Cap R	WNH1007	51	Screw	PMZ20P120FTB
19	Stopper A	WNH1008	52	Screw	JFZ20P035FTB
20	Stopper B	WNH1009	53	Screw	PPZ20P040FTB
21	Joint L	WNH1010	54	Hexagon Socket Screw	PPZ20P080FTB
22	Joint R	WNH1011	55	Connector Screw	PPZ30P060FTB
23	Hanger L	WNH1012	56	Screw	BMZ30P040FTB
			57	Washer	WB30FTC

Disassembly Procedures

How to disassemble the hanger cover



- ① Screw → ② Hanger Cover L → ③ Screw → ④ Stopper A →
 ⑤ Stopper B → ⑥ Bolt → ⑦ Shaft → ⑧ Joint L → ⑨ Click Plate →
 ⑩ Screw → ⑪ Washer → ⑫ Spring L



After the bolt ⑥ is removed

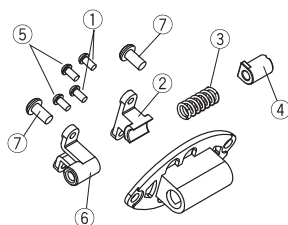


The shaft ⑦ can be easily removed if you slide it by holding the point shown in the above photo pressed.



Note:
 As both ends (the thicker parts) of the shaft will serve as axes of rotation, be careful NOT to damage them. Some scratches in the constricted middle part may be tolerable.

How to disassemble the case holder

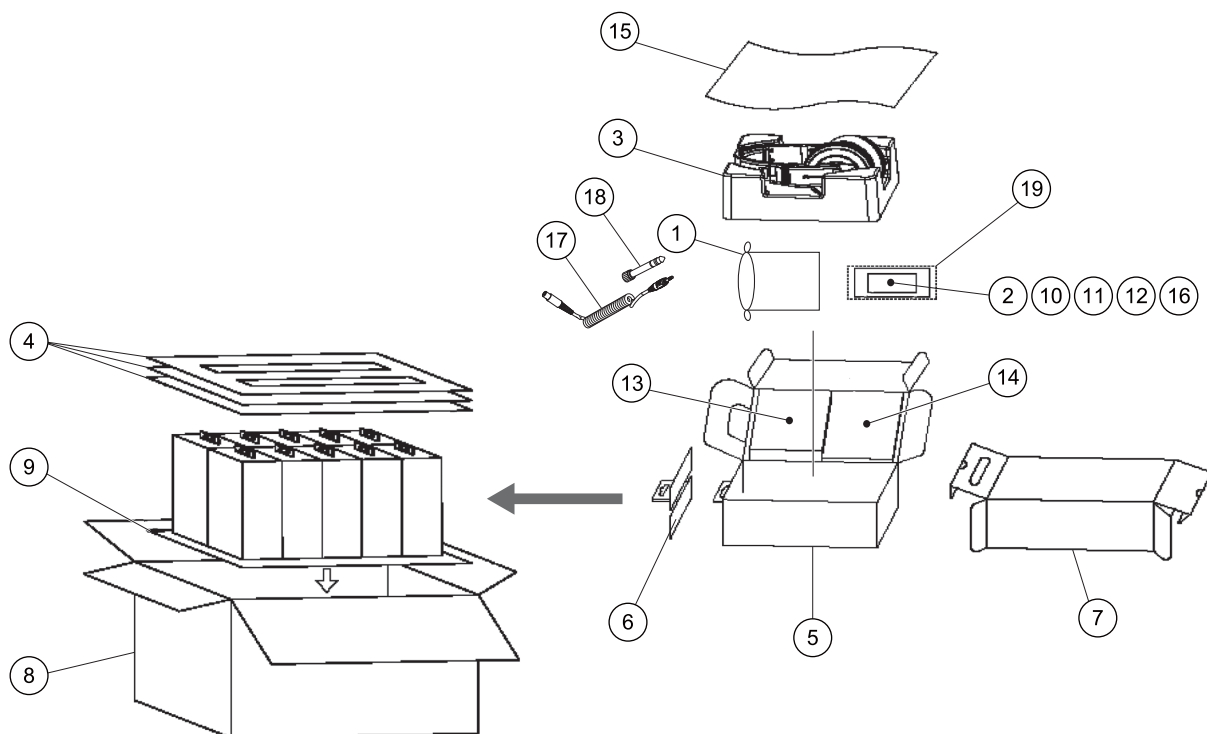


- ① Screw → ② Clamper Cover → ③ Spring → ④ Click Shaft →
 ⑤ Screw → ⑥ Clamper → ⑦ Connector Screw



To remove the spring ③, bend it as shown in these photos.

2.2 PACKING



PACKING Parts List

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Carring Pouch	WMA1117	9	Board Paper	WHC1011
2	Caution Card (XZC1/WL5 only)	WRN1012	10	Operating Instructions (German, Italian, Dutch, Spanish, Chinese, Russian) (Except XZC1/CN5)	WRB1111
3	Inner Tray	WHF1172	11	WEEE Caution Card (XZC1/EW5 only)	WRN1013
4	Board Paper	WHC1012	NSP 12	Warranty Card (XZC1/EW5 only)	WRX1007
5	Packing Case	WHG2250	13	Packing Cushion	WHA1033
6	Hook	WHG2251	14	Packing Cushion	WHA1034
7	Outer Packing Case (For XZC1/WL5) (For XZC1/EW5) (For XZC1/CN5)	WHG2253 WHG2274 WHG2254	15	Packing Cloth	WHA1043
8	Master Carton (For XZC1/WL5) (For XZC1/EW5) (For XZC1/CN5)	WHP1914 WHP1915 WHP1916	NSP 16	EHS Document (XZC1/CN5 only)	WRB1091
			17	Cord Assy	WDE1313
			18	Plug Adaptor	WKX1044
			NSP 19	Polyethylene Bag	O-160X250X0.03

3. SCHEMATIC DIAGRAM

